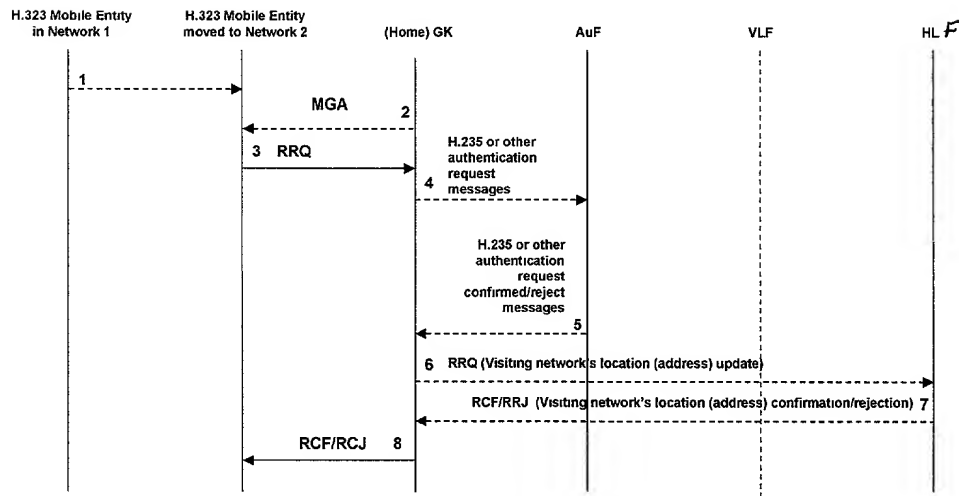


Figure 1: Intra-Zone Mobility Management



Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.  
2. New messages like MGA need to be defined as proposed in Reference 2.

Figure 2: Information Flows for Location Updates for Roaming within the Home Zone

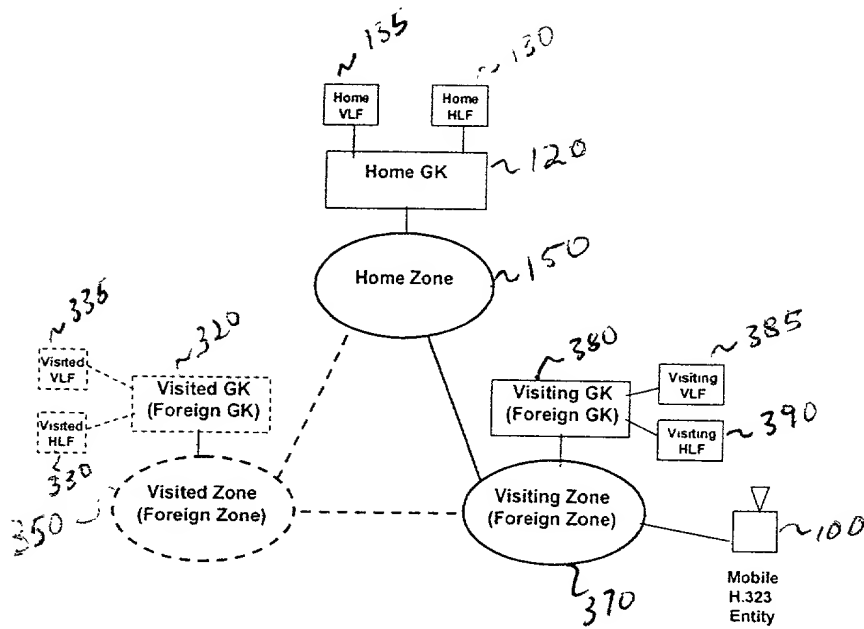
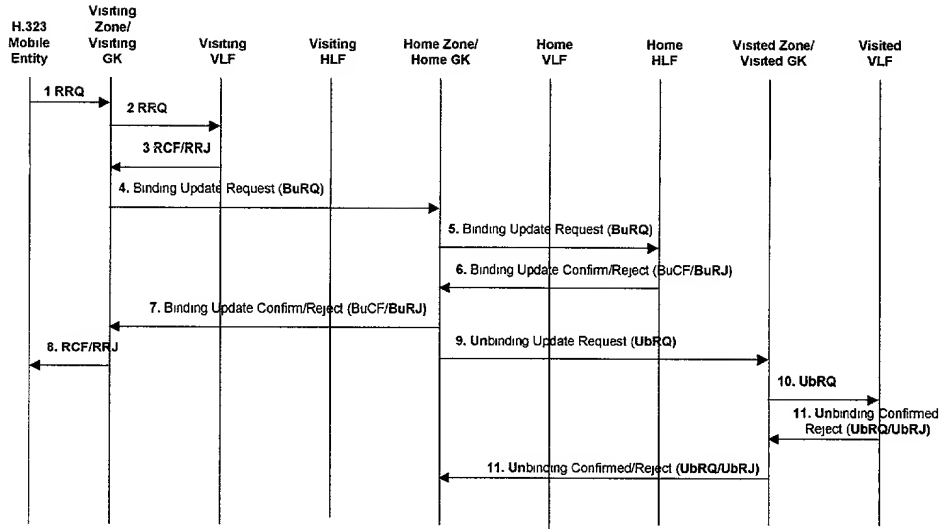


Figure 3: Location Update Management Architecture with Distributive HLF Architecture



Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.  
2. New messages like BuRQ, BuCF, BuRJ, UbrQ, UbrCF, and UbrRJ need to be defined as proposed in Reference 2.

**Figure 4: Location Update Management Information Flows with Distributive HLF Architecture**

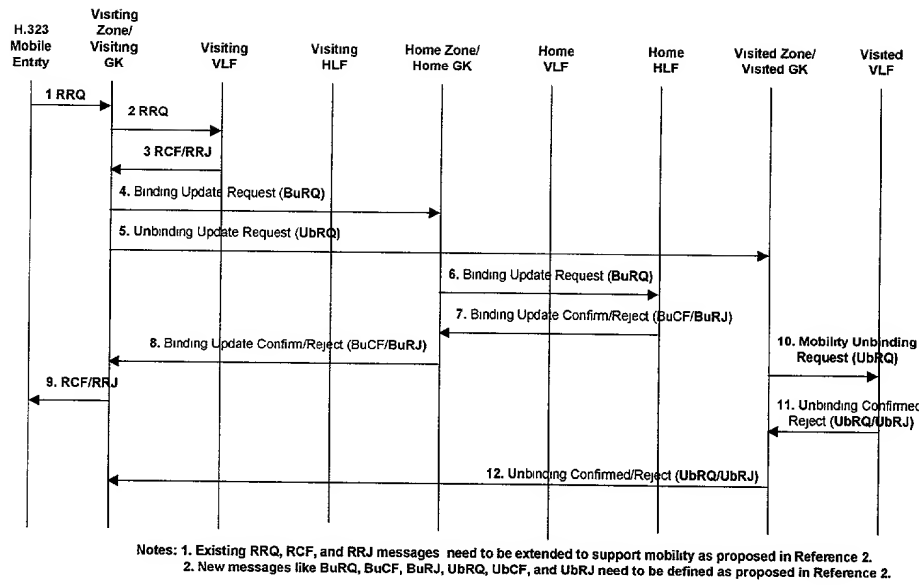


Figure 5: Smooth Location Updates for Signaling Flow Optimization

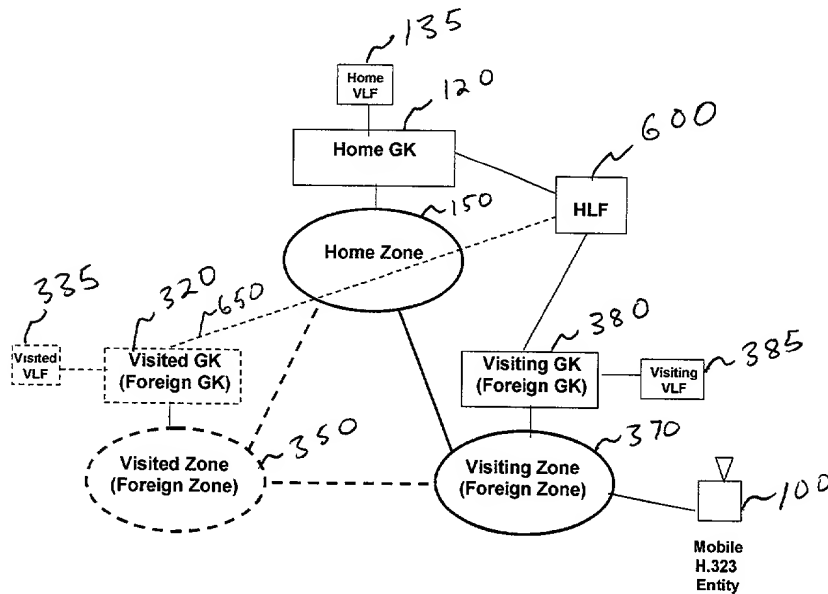
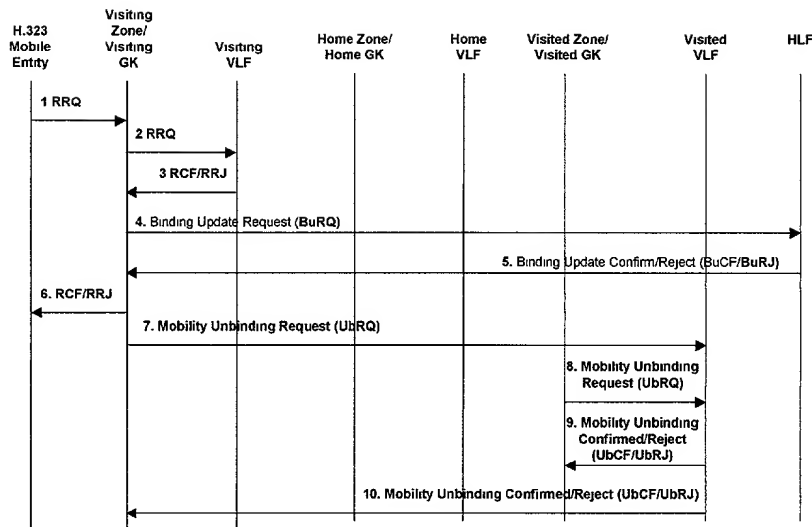
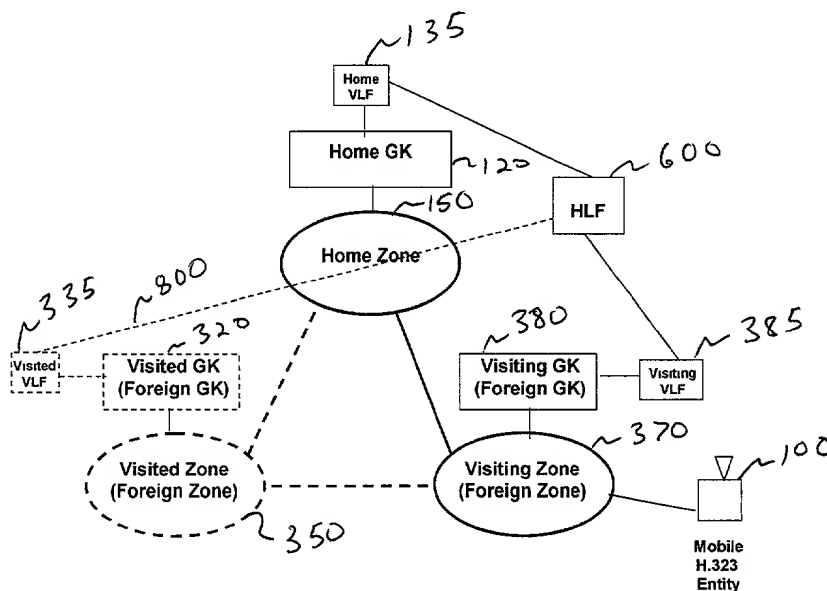


Figure 6: Mobility Management Architecture sharing a single HLF Database in a given Administrative Domain

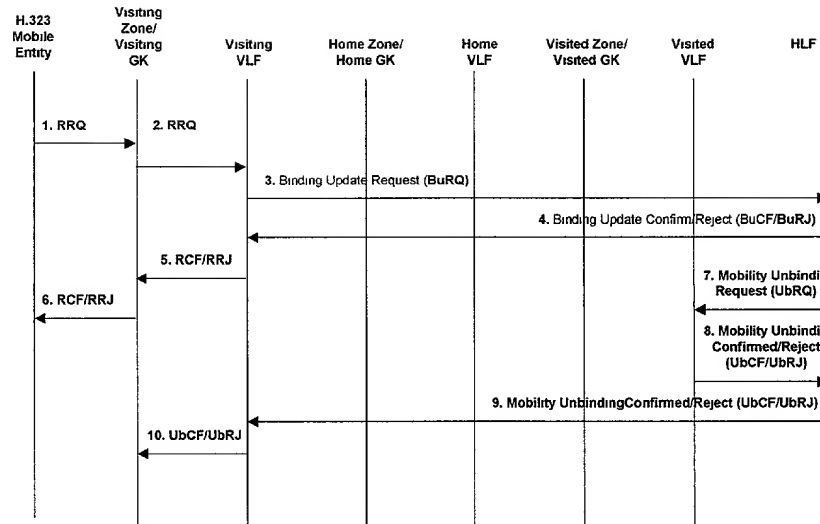


Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.  
 2. New messages like BuRQ, BuCF, BuRJ, UbrQ, UbCF, and UbRJ need to be defined as proposed in Reference 2.

**Figure 7: Location Update Management Information Flows with Centralized HLF Architecture in an Administrative Domain**



*Figure 8: Mobility Management Architecture sharing a single HLF Database in a given Administrative Domain (communications with HLF done via VLF only)*



Notes: 1. Existing RRQ, RCF, and RRJ messages need to be extended to support mobility as proposed in Reference 2.  
 2. New messages like BuRQ, BuCF, BuRJ, UbRQ, UbCF, and UbRJ need to be defined as proposed in Reference 2.

**Figure 9: Location Update Management Information Flows with Centralized HLF Architecture in an Administrative Domain where Communications with the HLF are done via the VLFs only**